

**FIG. 2**

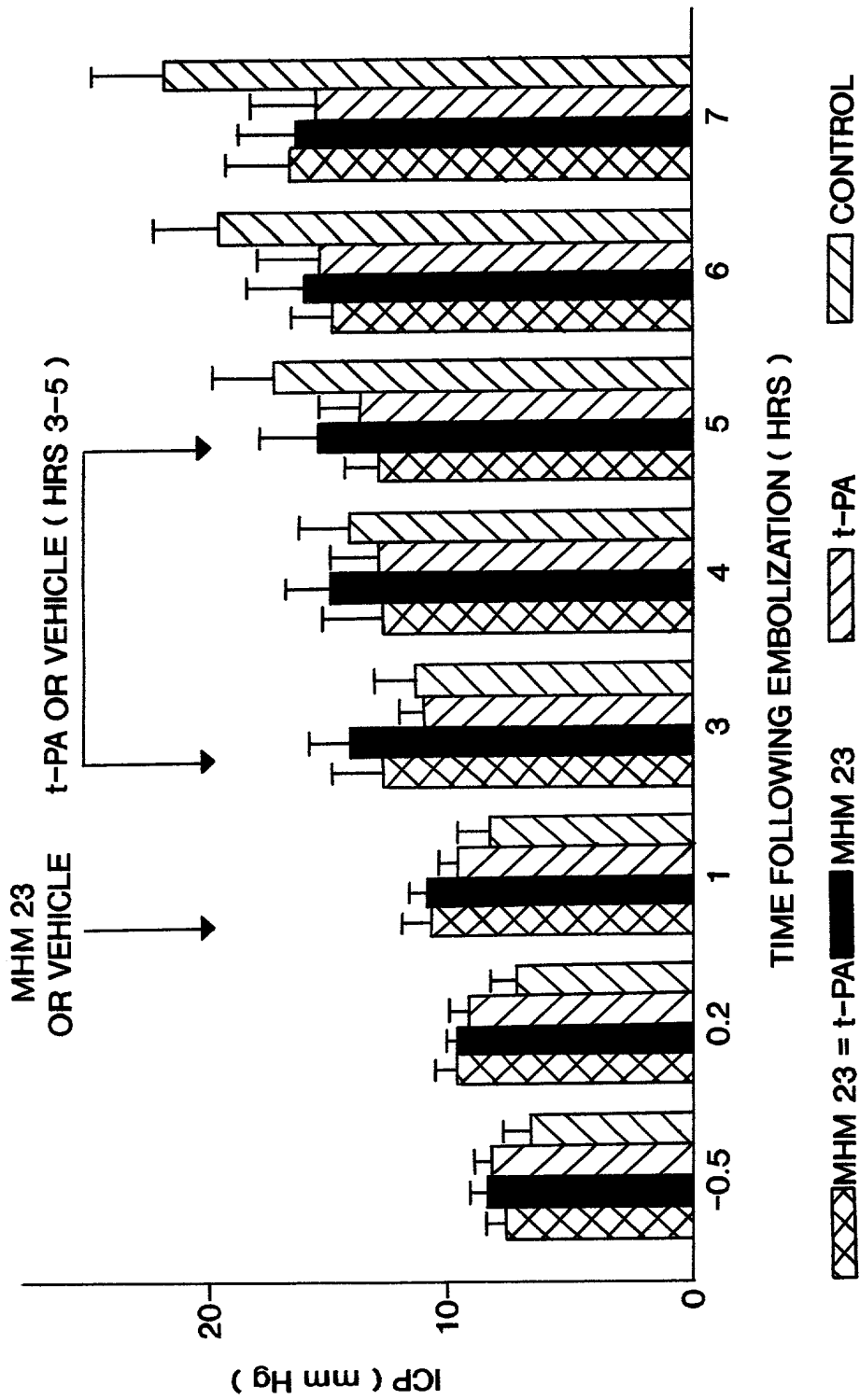


FIG. 3

hIgG<sub>1</sub> Sequence of human IgG1 CH1 domain  
hIgG<sub>2</sub> Sequence of human IgG2 CH1 domain  
hIgG<sub>3</sub> Sequence of human IgG3 CH1 domain  
hIgG<sub>4</sub> Sequence of human IgG4 CH1 domain  
humκ Sequence of human kappa CL domain  
humλ Sequence of human lambda CL domain

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                114                                128                                139
                |                                |                                |
hIgG1          A S T K G P S V F P L A P S S K S T S G G T A A L
hIgG2          A S T K G P S V F P L A P C S R S T S E S T A A L
hIgG3          A S T K G P S V F P L A P C S R S T S G G T A A L
hIgG4          A S T K G P S V F P L A P C S R S T S E S T A A L

                108                                122                                131
                |                                |                                |
humκ           R T V A A P S V F I F P P S D E Q L K S G T A S V
humλ           Q P K A A P S V T L F P P S S E E L Q A N K A T L
  
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Fabv1b        A S T K G P S V F P L A P S P K N S S M I S N T P A L
of interest   P K N S S M I S N T P
  
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most important

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hIgG1          G C L V K D Y F P E P V T V S W N S G A L T S
hIgG2          G C L V K D Y F P E P V T V S W N S G A L T S
hIgG3          G C L V K D Y F P E P V T V S W N S G A L T S
hIgG4          G C L V K D Y F P E P V T V S W N S G A L T S

humκ           V C L L N N F Y P R E A K V Q W K V D N A L Q
humλ           V C L I S D F Y P G A V T V A W K A D S S P V
  
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Fabv1b        G C L V K D Y F P E P V T V S W N S G A L T S
  
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hIgG1          G V H T F P A V L Q S S G - - - L Y S L S S V
hIgG2          G V H T F P A V L Q S S G - - - L Y S L S S V
  
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FIG. 4A

hIgG <sub>3</sub>	G V H T F P A V L Q S S G - - - L Y S L S S V
hIgG <sub>4</sub>	G V H T F P A V L Q S S G - - - L Y S L S S V
humκ	S G N S Q E S V T E Q D S K D S T Y S L S S T
humλ	K A G V E T T T P S K Q S N N - K Y A A S S Y

Fabv1b	G V H T F P A V L Q S S G - - - L Y S L S S V
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	193	200	203	
	I	I	I	
hIgG <sub>1</sub>	V T V P S S S L G T - Q T Y I C N V N H K P S			
hIgG <sub>2</sub>	V T V P S S N F G T - Q T Y T C N V D H K P S			
hIgG <sub>3</sub>	V T V P S S S L G T - Q T Y T C N V N H K P S			
hIgG <sub>4</sub>	V T V P S S S L G T - K T Y T C N V D H K P S			

	181	190
	I	I
humκ	L T L S K A D Y E K H K V Y A C E V T H Q G L	
humλ	L S L T P E Q W K S H R S Y S C Q V T H E G S	

Fabv1b	V T V P H Q S L G T - Q T Y I C N V N H K P S
of interest	H Q N L S D G K

most important	* * * * *
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hIgG <sub>1</sub>	N T K V D K R V - - -
hIgG <sub>2</sub>	N T K V D K T V - - -
hIgG <sub>3</sub>	N T K V D K R V - - -
hIgG <sub>4</sub>	N T K V D K R V - - -
humκ	S S P V T K S F N R G E C
humλ	T V E K T V A P T E C S
Fabv1b	N T K V D K R V - - -

FIG. 4B